

**CAERNARVONSHIRE COUNTY
COUNCIL**

EDUCATION COMMITTEE

**ANNUAL
REPORT**

OF THE

**PRINCIPAL
SCHOOL MEDICAL OFFICER**

FOR THE YEAR 1960

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CAERNARVONSHIRE COUNTY COUNCIL

To the Chairman and Members of the School Services and Welfare Committee.

Ladies and Gentlemen,

Details of examinations and observations in the body of this report indicate that the general health of our school children has been well maintained and in some aspects improved during the year.

It is noteworthy to record that among nearly 6,000 children examined at periodic inspections in schools not one child was found by the Medical Officers to have an unsatisfactory physical condition.

During 1960 not one child suffered from Poliomyelitis. It would be unwise to claim that this absence of the disease is due to our immunisation activities. But it may be justifiably maintained that giving nearly 70,000 protective doses of poliomyelitis vaccine to children has made some effective contribution to this freedom from the disease.

It is a remarkable achievement to be able to record for the 14th year in succession that not one child completely immunised by injections against diphtheria has suffered from the disease. But the "price of freedom is eternal vigilance" and continuous immunisation !!

Our audiology service has been extended by the appointment of Mrs. Midgley as part-time audiologist to survey the hearing of school children between the ages of 5 and 8 years. As she did not commence duties until October a fuller report on her findings and subsequent action taken will be available in next year's report. In order that a young child may follow and understand all its lessons in school and at home it is essential to ascertain accurately its hearing capacity and to take appropriate action if any hearing loss is observed. This ascertainment using modern techniques complements the survey of hearing of young babies. Both are designed to detect any loss of hearing at the earliest stages. This extension of the audiology service also serves to illustrate what I continually emphasise as a principle of cardinal importance in the Public Health Service—"early diagnosis and early treatment."

Dealing with the problems of various types of handicapped children occupies an increasing amount of the time of Medical Officers. The numbers of handicapped children are not increasing but we are now able, because of increasing knowledge and facilities to alleviate and often overcome the handicaps and disabilities which are found. It is probable that the new residential school for handicapped children will be available towards the end of September 1962 and this will provide additional facilities for those children who require them.

I am glad to report that there has been a marked reduction in the waiting time for eye consultations since the Welsh Hospital Board increased the staff available. Clinics are now held regularly in Llandudno, Bangor, Caernarvon and Pwllheli.

Attention is drawn to the report of the Principal School Dental Officer. An additional Mobile Dental Clinic is likely to be in service before the end of 1961. This clinic will improve still further the dental service provided. Unfortunately we have been unable to recruit a Dental Surgeon for the northern area of the county for many years.

I again record my appreciation of the valuable assistance given to the service by Head Teachers and their staffs.

To all my own staff I give my thanks for their continuing efforts to maintain and improve the service. We derive so much satisfaction from being able to observe progress in many directions.

To the Chairman and members of the Committee and to the Director of Education and his staff I offer my thanks for their continued support and assistance.

D. E. PARRY-PRITCHARD
Principal School Medical Officer.

SCHOOL HEALTH SERVICES STAFF

Principal School Medical Officer	...	D. E. Parry-Pritchard, O.B.E., M.D., D.P.H., M.B., Ch.B.
Deputy Principal School Medical Officer	C. T. Baynes, M.D., D.P.H., M.B., Ch.B.	
Senior School Medical Officer	... M. Slater, M.B., Ch.B., C.P.H., D.C.H.	
School Medical Officers	... T. Evans-Hughes, M.R.C.S., L.R.C.P. (Retired 1/4/1960). M. J. O'Brien, B.A., M.B., B.Ch. (Resigned 30/9/1960).	

All staff are also Assistant County Medical Officers of Health.

Dental Staff :

Principal School Dental Officer ... D. McIntyre, L.D.S.

School Dental Officers :

Northern Area	... ..	N. G. Brierley, L.D.S. (Com- menced 2/5/60; resigned 6/8/60.)
North Central	... ..	G. H. Wilson, L.D.S.
South Central	... ..	Ifor Ll. Williams, B.D.S.
Southern Area	... ..	J. N. Sterndale Bennett, L.D.S. (Commenced 2/5/60)
Dental Attendants	... ..	Three.

Psychiatric Officer Vacant.

Nursing Staff :

County Superintendent and Superin- tendent Health Visitor	... ..	Miss M. Richards, S.R.N., S.C.M. Q.N.S., M.T.D., H.V.
Deputy County Superintendent and Supt. Health Visitor...	... ..	Miss M. M. Farrall, S.R.N., S.C.M., Q.D.N., H.V. (Re- signed 30/11/60)
Assistant County Superintendent and Supt. Health Visitor...	... ..	Miss E. E. Hughes, S.R.N., S.C.M., Q.N.S., H.V.
Health Visitors and School Nurses (December 1960)	... ..	25 full time and 2 part time were employed.
Physiotherapist	... ..	Miss M. F. Williams, M.C.S.P.
Speech Therapist	... ..	Mrs. G. V. Robyns, L.C.S.T. (Resigned 31/12/60)
Orthoptist	... ..	Miss A. F. Baxter, D.B.O. (Re- signed 31/12/60)

Audiologist (Part-time)	...	...	...	Mrs. J. D. Midgley M.Sc. (Psychology) (Com'ced 27/9/1960).
County Health Officer	...	...	...	Aneurin Jones.
Chief Clerk	...	...	...	Cledwyn Parry.

CONSULTANTS

Orthopaedic	...	...	...	Professor B. L. McFarland, F.R.C.S., M.Ch. (Orth.). G. I. Roberts, F.R.C.S., M.Ch. (Orth.).
Ophthalmic	...	...	...	T. G. Wynne Parry, M.R.C.S., L.R.C.P., D.O.M.S. G. C. Laszlo, M.D., L.R.C.P., L.R.F.P.S., D.O. G. L. Harper, M.R.C.S., L.R.C.P. D.O.
Ear, Nose and Throat	...	...	...	John Roberts, M.D., F.R.C.S.
Paediatric	...	...	...	Gwyn Griffith, M.D., F.R.C.P., D.P.H.
Child Guidance	...	...	...	E. Simmons, M.D., L.R.C.P., L.R.C.S., L.R.F.P.S.
Plastic Surgery	...	...	...	R. P. Osborne, B.Sc., M.B., Ch.B., F.R.C.S.
Anaesthetist	...	...	...	Henry Edwards, M.R.C.S., L.R.C.P., F.F.A., D.A.
Chest Physician	...	...	...	J. Glyn Jones, M.A., M.D., B.Chir.

Director of Education :
Mansel Williams, M.A., B.Sc.

SCHOOL HEALTH SERVICES—CLINICS

Table 1

<i>Clinic</i>	<i>Place held</i>	<i>Days held</i>	<i>Time</i>	<i>Attended by</i>
Ear, Nose and Throat Visual Defects.	C. & A. Hospital, Bangor. Llandudno General Hospital, Llandudno.	Every Monday Every Tuesday	1.30 p.m. 1.15 p.m.	E.N.T. Consultant. E.N.T. Consultant.
	War Memorial Centre, Oxford Road, Llandudno.	1st and 3rd Mondays.	2.30 p.m.	Ophthalmic Consultant. School Nurse.
	C. & A. Hospital, Bangor. Central Clinic, Shirehall Street, Caernarvon.	1st Monday monthly.	2.0 p.m.	Ophthalmic Consultant.
	School Clinic, Sackville Road, Bangor.	1st and 3rd Wednesdays. 2nd and 4th Wednesdays.	9.15 a.m. 9.15 a.m.	Ophthalmic Consultant. School Nurse.
Orthoptic.	Pwllheli Hospital, Pwllheli. C. & A. General Hospital, Bangor.	4th Friday. Wednesdays.	9.45 a.m. and 1.45 p.m. 9.30 a.m. to 12.30 p.m. 1.30 p.m. to 5.00 p.m.	Orthoptist.
	Snowdon Street Clinic, Portmadoc. Pwllheli Hospital.	Alternate Thursdays.	10.30 a.m. to 1.00 p.m.	
	Llandudno General Hospital.	Alternate Tuesdays.	10.30 a.m. to 12.30 p.m. 1.30 p.m. to 5.00 p.m.	do.
	Central Clinic, Shirehall Street, Caernarvon.	Fridays.	1.30 p.m. to 5.00 p.m.	do.
		Mondays.	9.30 a.m. to 12.30 p.m. 1.30 p.m. to 5.00 p.m.	do.

NOTE.—The Orthoptic Clinics had to be discontinued in December 1960 due to the resignation of the Orthoptist.

Table 1 (*continued*)

<i>Clinic</i>	<i>Place held</i>	<i>Days held</i>	<i>Time</i>	<i>Attended by</i>
Orthopaedic and Ultra Violet Ray.	War Memorial Centre, Oxford Road, Llandudno.	Every Wednesday.	10.00 a.m. to 4.00 p.m.	Physiotherapist.
	Central Clinic, Shirehall St., Caernarvon.	Every Tuesday.	9.00 a.m. to 5.00 p.m.	do.
	Mount Pleasant, Penlan St., Pwllheli.	Every Monday.	10.00 a.m. to 4.00 p.m.	do.
	Snowdon Street Clinic, Portmadoc.	Every Thursday.	10.00 a.m. to 4.00 p.m.	do.
	School Clinic, Sackville Rd., Bangor.	Every Friday.	9.30 a.m. to 4.00 p.m.	do.
A Survey Clinic is held each month at the Centres (except Portmadoc) in rotation attended by Orthopaedic Surgeon.				
Dental (held in addition to other regular clinics).	Dyffryn Road School, Llandudno.	*Every Saturday.	9.30 a.m. to 12 noon.	School Dentist.
	School Clinic, Sackville Rd., Bangor.	Every Saturday.	9.30 a.m. to 12 noon.	Dental Attendant.
	Central Clinic, Shirehall St., Caernarvon.	Every Saturday.	9.30 a.m. to 12 noon.	do.
	Snowdon Street Clinic, Portmadoc.	1st Saturday monthly.	9.30 a.m. to 12 noon.	do.
	Mount Pleasant, Penlan St., Pwllheli.	2nd, 3rd and 4th Saturdays, monthly.	9.30 a.m. to 12 noon.	do.
	Carneddi School, Bethesda.	Last Saturday, monthly.	9.30 a.m. to 12 noon.	do.
	New Clinic, Llanberis.	Saturdays—except last.	9.30 a.m. to 12 noon.	do.
*Periodically held at Dolgarrog. A Mobile Dental Unit is available in the most rural parts of the County.				

Table 1 (*continued*)

<i>Clinic</i>	<i>Place held</i>	<i>Days held</i>	<i>Time</i>	<i>Attended by</i>
Minor Ailments	School Clinic, Sackville Road, Bangor.	Daily	9.00 a.m. to 10.00 a.m.	Health Visitor/School Nurse
	Central Clinic, Shirehall St., Caernarvon.	Daily.	4.00 p.m. to 5.00 p.m.	do.
	War Memorial Centre, Oxford Road, Llandudno.	Daily.	9.00 a.m. to 10.00 a.m.	do.
	Legion H o u s e, Esplanade, Penmaenmawr.	Mondays, Wednesdays and Fridays.	9.00 a.m. to 10.00 a.m.	do.
	Mount Pleasant, Penlan St., Pwllheli.	Daily.	4.00 p.m. to 5.00 p.m.	do.
	A.T.C. Hut, Me u r i g Park, Bethesda.	Monday mornings.	9.00 a.m. to 10.00 a.m.	do.
	Drill Hall, Penygroes.	Daily.	9.00 a.m. to 10.00 a.m.	do.
	New Clinic, Llanberis.	Daily.	9.00 a.m. to 10.00 a.m.	do.
	In addition to these Clinics Minor Ailments are treated locally by District Nurses.			
	School Clinic, Sackville Road, Bangor.	Every Tuesday.	10.00 a.m. to 1.00 p.m. 2.00 p.m. to 5.00 p.m.	Psychiatrist. Psychologist. Educational Psychologist. Psychiatric Social Worker.
Child Guidance.	Clinics at Llandudno, Caernarvon, Pwllheli and Portmadoc have had to be discontinued since August 1948 because of the absence of a Psychiatric Officer.			

Table 1 (*continued*)

<i>General Clinics</i>	<i>Place held</i>	<i>Days held</i>	<i>Time</i>	<i>Attended by</i>
Bangor Caernarvon Conway Llandudno Llan. Junction Penygroes Portmadoc Pwllheli	School Clinic, Sackville Road. Central Clinic, Shirehall Street. Muriau Buildings. War Memorial Centre, Oxford Road. Y.W.C.A. Hall. Drill Hall. Snowdon Street Clinic. Mount Pleasant, Penlan Street.	1st Saturday in the month. Every Saturday. 3rd Friday in alternate months 4th Tuesday in the month. 3rd Friday in alternate months Last Tuesday in the month. 2nd Tuesday in the month. 1st Tuesday in the month.	9.00 a.m. to 12 noon. 9.00 a.m. to 12 noon. 2.00 p.m. to 4.00 p.m. 9.00 a.m. to 12 noon. 9.00 a.m. to 12 noon. 9.00 a.m. to 12 noon. 9.00 a.m. to 12 noon. 9.00 a.m. to 12 noon.	School Medical Officer. School Nurse.
Speech	War Memorial Centre, Oxford Road, Llandudno. Mount Pleasant, Penlan Street Pwllheli. School Clinic, Sackville Road, Bangor. Central Clinic, Shirehall Street Caernarvon. War Memorial Centre, Oxford Road, Llandudno. Muriau Clinic, Conway. Central Clinic, Shirehall Street Caernarvon.	Every Monday. Every Tuesday. Every Wednesday. Every Thursday. Every Friday. Every Friday. Every Saturday.	9.30 a.m. to 4.00 p.m. 9.30 a.m. to 4.00 p.m. 9.15 a.m. to 4.00 p.m. 9.15 a.m. to 4.00 p.m. 9.30 a.m. to 12.30 p.m. 2.00 p.m. to 4.00 p.m. 9.00 a.m. to 12 noon.	Speech Therapist. do. do. do. do. do. do.

SUMMARY OF SERVICE PROVIDED

TABLE 2

SCHOOL POPULATION :

Number on books at the beginning of the year	...	...	18,929
Number on books at the end of the year	...	...	18,884

NUMBER OF CHILDREN MEDICALLY EXAMINED :

(a) at Periodic Inspections	...	...	...	...	5,760
(b) at Special Inspections	...	...	...	...	424
(c) at Re-Inspections	...	...	...	...	5,760

INDIVIDUAL CHILDREN FOUND AT PERIODIC INSPECTIONS TO
REQUIRE TREATMENT :

(Excluding uncleanliness and dental diseases)	389
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INDIVIDUAL CHILDREN TREATED :

Errors of refraction (including squint)	1,131
Number of spectacles supplied	...	...	...	753
Defects of the Nose and Throat	...	...	...	77
Dental Defects	...	...	...	2777
Orthopaedic :				
(a) in hospitals or hospital schools	...	...	...	11
(b) in clinics or out-patients' departments	...	...	...	259
Speech Defects	...	...	...	184
Minor Ailments	...	...	...	54

HOME AND SCHOOL ATTENDANCES BY SCHOOL NURSES :

Attendances following Medical Inspection :		To homes	...	116
		To schools	...	38
Attendances following general health and hygiene inspections		To homes	...	665
General health and hygiene inspections :		At Schools	...	762
Other Attendances :		To homes	...	1,644
		To schools	...	698
Attendances concerning Infectious Diseases		...	...	1,549

CONDITIONS OF SCHOOL BUILDINGS AND PLAYGROUNDS

Reports on defective or unsatisfactory conditions found at 89 schools in 1960 were submitted to the Director of Education. These conditions are enumerated in this table.

The percentage is calculated on the number of schools inspected by the Medical Officers.

159 of the 160 schools in the County were examined during 1960.

TABLE 3.

YEAR	1960	
NUMBER OF SCHOOLS INSPECTED	159	
NATURE OF DEFECT	<i>Number Observed</i>	<i>Percent- age</i>
Insufficient or unsatisfactory water supply	6	3.7
Defective or insufficient ventilation	4	2.5
Defective or insufficient heating arrangements	36	22.6
Unsuitable or insufficient lighting	9	5.6
Unsuitable or insufficient closet accommodation	30	18.8
Unsuitable or insufficient washing accommodation	13	8.2
Dampness	4	2.5
Insufficient cloakroom accommodation	18	11.3
Unsuitable playgrounds	10	6.2
Premises requiring to be decorated	7	4.4
Desks and/or chairs unsuitable	7	4.4
Absence of or unsuitable arrangements for drying clothes ...	69	43.4
Unsuitable entrances—absence of guard-rails, motor warnings, etc	1	0.63
Unsuitable Blackboards	3	1.8

SANITARY ACCOMMODATION IN SCHOOLS AND SCHOOL WATER SUPPLIES

I have received this report from the County Health Officer.

“To the Principal School Medical Officer :

School Water Supplies.

Eighteen bacteriological water samples have been taken from schools or the water sources to schools in the county. Particular attention has been given to schools deriving their water supplies from wells and springs, as these supplies are liable to pollution and are unreliable.

The water samples were examined at the Public Health Laboratory, Conway, and close co-operation is maintained with the District Medical Officers at all times with regard to unsatisfactory water supplies.

Number of samples taken from school water supplies ...	18
Number satisfactory	14
Number unsatisfactory	4

School Sanitary Accommodation.

Thirty-six inspections have been made of school sanitary accommodation during the year. This included inspection of urinals, W.C.s and means of disposal.

The standard of sanitary accommodation at some schools leaves much to be desired as many have rendered walls without proper channelling and flushing arrangements. The provision of proper purpose made urinal stalls is essential, as, if the urinal is not properly constructed and self-cleansing it can become a potential danger to health and a serious public health nuisance.

In the majority of our schools sanitary accommodation in the past has been built some distance away from the school. This entails, during inclement weather, the children having to wear their overcoats and mackintoshes to avoid becoming wet when using the conveniences. In planning new sanitary blocks it would be advantageous to bear this point in mind and have the sanitary accommodation so sited that there would be no need for the children to leave the school building."

SCHOOL MEDICAL INSPECTIONS

Medical Inspections were performed in accordance with the Regulations issued in August 1953.

Caernarvonshire children are examined regularly :

- (a) as soon as possible after the date of admission to a maintained school for the first time.
- (b) during their last year of attendance at primary school ;
- (c) during the last year of attendance at secondary schools.

As a further safeguard, all Caernarvonshire children under five years of age attending schools are inspected annually ; all children found to be suffering from defects are inspected annually ; and special cases are examined at the request of head teachers and school nurses at schools and clinics.

The Medical Inspection of children attending 159 of the 160 schools in the county was completed during the year, and a total of 11,944 were examined by the School Medical Officers.

CONDITIONS FOUND AT MEDICAL INSPECTIONS

CLASSIFICATION OF PHYSICAL CONDITION

Table 4 shows the classification of the general condition of the pupils examined in the periodic age groups during 1960.

It is not easy to assess accurately the physical condition or state of nutrition because there are no easily recognised standards for comparison. Each doctor varies slightly in his assessment, but this table may be accepted as reflecting fairly accurately the physical condition of our children.

PERIODIC MEDICAL INSPECTIONS

TABLE 4

<i>Age Groups Inspected (By Year of Birth)</i>	<i>Number of Pupils Inspected</i>	<i>Physical Condition of Pupils Inspected.</i>			
		<i>Satisfactory</i>		<i>Unsatisfactory</i>	
		<i>Number</i>	<i>% of Col. 2</i>	<i>Number</i>	<i>% of Col. 2</i>
(1)	(2)	(3)	(4)	(5)	(6)
1956 and later	... 429	429	100.0	—	—
1955 ...	... 896	896	100.0	—	—
1954 ...	... 906	906	100.0	—	—
1953 ...	... 141	141	100.0	—	—
1952 ...	... 84	84	100.0	—	—
1951 ...	... 45	45	100.0	—	—
1950 ...	... 823	823	100.0	—	—
1949 ...	... 867	867	100.0	—	—
1948 ...	... 54	54	100.0	—	—
1947 ...	... 37	37	100.0	—	—
1946 ...	... 677	677	100.0	—	—
1945 and earlier	... 801	801	100.0	—	—
TOTAL	... 5,760	5,760	100.0	—	—

DEFECTS OF NOSE AND THROAT

Of 6,184 children examined in the Periodic and Special Groups, 77 (1.24 per cent.) were found to require treatment.

ERRORS OF REFRACTION (INCLUDING SQUINT)

Of those examined in the Periodic and Special Groups 214 (3.46 per cent.) were found to require treatment for visual defects. An additional 36 children (0.58 per cent.) required treatment for squint.

DEFECTIVE HEARING AND EAR DISEASE

Treatment of 20 children (0.32 per cent.) was required.

TUBERCULOSIS

All school children who are suspected by the School Medical Officers to be suffering from Tuberculosis, and all children known to be contacts to tuberculous patients, are referred for examination by the Chest Physician at special clinics held at Llandudno, Caernarvon, Bangor and Pwllheli weekly. Before attending each child is visited by the School Nurse, who performs a tuberculin skin test five days before the date of the clinic. The result of this test is read by the Chest Physician and each child showing a positive reaction is clinically and radiologically examined.

During 1960, 139 children were referred for examination by the Chest Physician, and the results of the examinations are given in Table 7.

Sixteen children under 15 years were notified as suffering from Tuberculosis during 1960 and details are given in this table.

TABLE 5.

PULMONARY		NON-PULMONARY		TOTAL		<i>Grand Total</i>
<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>	
9	6	—	1	9	7	16

B.C.G. IMMUNISATION

Immunisation of children born to tuberculous mothers and of children in contact with open cases of Tuberculosis continued, and details of children protected since the inception of the scheme are given in Table 8.

B.C.G. immunisation, extended to school leavers during 1955, was continued and children who attained their thirteenth birthday on or before September 30th, 1960, were tested during 1960.

The response to the invitation sent to parents was, with a few exceptions, very good.

An analysis of the results is given in Table 6.

The 190 children showing a positive reaction were referred to the Chest Physician for examination. 143 of the children were found to be satisfactory, 4 were kept under observation, 2 were found to be suffering from Bronchitis, 1 had calcified primary complex, and 3 were previously notified cases of pulmonary tuberculosis. Of the remainder 35 were of old standing primary infection and two were found to have had B.C.G. previously.

TABLE 6. B.C.G. IMMUNISATION OF SCHOOL CHILDREN 1960

SCHOOL.	No. of consents distributed		No. of consents received	Percentage consents		Number tested	Number absent	Number Positive	Percentage Positive		Number Negative	Percentage Negative		Number Immunised	Number Positive During Annual Testing		Number Negative During Annual Testing	
	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960	1960
Aberconwy	88	56	63.63	51	5	11	21.56	40	78.44	39	26	—	—	—	—	—	—	—
Bangor Friars	84	56	66.66	54	2	5	9.26	49	90.74	49	61	—	—	—	—	—	—	—
Bangor Girls' Grammar	87	76	87.35	73	3	5	6.85	68	93.15	68	46	—	—	—	—	—	—	—
Bangor Sec. Mod.	152	117	76.97	104	13	6	5.77	92	88.46	84	56	—	—	—	—	—	—	—
*Bangor Roman Catholic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bethesda Bilateral	148	90	60.81	87	3	8	9.19	76	87.35	72	74	—	—	—	—	—	—	—
Borwnnog Bilateral	78	57	73.07	53	4	9	16.98	41	77.36	41	50	—	—	—	—	—	—	—
Brynrefail Bilateral	79	68	86.07	65	3	12	18.46	53	81.54	50	50	—	—	—	—	—	—	—
Caernarvon Grammar	60	52	86.66	50	2	2	4.00	47	94.00	47	33	—	—	—	—	—	—	—
Caernarvon Sec. Mod.	147	125	85.03	119	6	13	10.92	97	81.51	97	71	—	—	—	—	—	—	—
Dolgarrrog Central	34	22	64.70	22	—	2	9.09	20	90.91	19	15	—	—	—	—	—	—	—
John Bright, Llandudno.	146	115	78.76	106	9	20	18.86	83	78.30	83	99	—	—	—	—	—	—	—
Llandudno Sec. Mod.	290	265	91.38	251	14	36	14.34	202	80.48	202	48	—	—	—	—	—	—	—
Llanfairfechan Sec. Mod.	33	28	84.84	26	2	5	19.23	20	76.92	20	8	—	—	—	—	—	—	—
Pennaenmawr Sec. Mod.	80	54	67.50	52	2	8	15.38	43	82.69	42	23	—	—	—	—	—	—	—
Penygroes Bilateral	150	101	67.33	100	1	16	16.00	81	81.00	81	61	—	—	—	—	—	—	—
Portmadoc Bilateral	119	93	78.15	89	4	16	17.97	72	80.89	72	10	—	—	—	—	—	—	—
Pwllheli Grammar	70	54	77.14	49	5	8	16.33	41	83.67	40	50	—	—	—	—	—	—	—
Pwllheli Sec. Mod.	69	54	78.26	53	1	8	15.09	45	84.91	45	15	—	—	—	—	—	—	—
Treborth Hall	20	15	75.00	12	3	—	—	12	100.00	12	10	—	—	—	—	—	—	—
TOTAL	1,934	1,498	77.46	1,416	82	190	13.42	1,182	83.47	1,163	806	—	—	—	—	—	—	—

*This school was not immunised until January 1961.

TABLE 7.—“CONTACT” CLINICS

No. Referred		Result of Examination.												Failed to Attend	
		Positive						For Observation		Negative					
		Pulmonary		Non-Pulmonary		Age		Age		Age					
		Age		Age											
-5	5-16	-5	5-16	-5	5-16	-5	5-16	-5	5-16	-5	5-16	5-16	5-16		
M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.		
26	24	3	1	—	—	4	1	3	6	18	22	35	33		
24	45	1	2	—	—	1	1	3	6	1	—	1	—		

*Of those who failed to attend 1 male and 1 female were re-examined by the Mass Radiography Unit.

TABLE 8.—B.C.G. IMMUNISATION (ORIGINAL SCHEME)

Year	Preliminary Skin Tests		Children Immunised with B.C.G.					Reaction after Immunisation	
	Positive Reaction	Negative Reaction	Age Period					Positive	Negative
			-1	1-5	5-10	10-15	15-20	Total	
1950.....	10	36	13	10	6	7	—	36	36
1951.....	41	116	18	35	35	26	2	116*	114†
1952.....	22	147	26	61	34	22	4	147	147
1953.....	34	101	42	25	18	12	4	101	101
1954.....	25	309	69	80	96	52	12	309	309
1955.....	45	276	69	91	75	33	8	266‡	266‡
1956.....	28	245	68	74	81	19	3	242§	245
1957.....	19	276	88	72	70	39	7	265§	276
1958.....	35	857	121	204	292	231	9	203††	857
1959.....	50	809	85	167	258	286	13	104	809
1960.....	11	290	70	107	56	43	6	59	290
Totals ...	320	3,462	669	926	1,021	770	68	1,846	24

†Child had negative reaction after first post-immunisation test and was given a second application, but the parents refused further examination.

*One child left the country before an examination could be made to ascertain the reaction.

†Ten children failed to attend for post-immunisation examination.

‡Three children failed to attend for post-immunisation examination.

§Eleven children failed to attend for post-immunisation examination.

††610 children attending three schools will not be re-tested until 1959

‡‡To be re-examined in 1959.

§§Of the 809 children immunised it was only possible to test 113—the remaining 696 will be tested in 1960.

¶The remaining children will be post-tested in 1961.

EXAMINATION OF SCHOOL ENTRANTS

Due to concentration of effort in immunising against Poliomyelitis it was impossible to perform tuberculin tests of all children entering school for the first time. In past years all children whose parents have consented have been so examined, and arrangements made for all children showing a positive reaction to be radiologically examined at the Chest Clinic or by the Mass Radiography Unit. 242 children were tested in 1960, six of whom gave a positive result and were referred to the Chest Physician.

HANDICAPPED PUPILS

Ascertainment of Handicapped Pupils under Section 34 of the Education Act, 1944, continued during the year.

Table 9 gives details of Caernarvonshire children classified as Handicapped Pupils according to the definitions prescribed in the School Health Service and Handicapped Pupils Regulations, 1953.

These extracts from reports received on the progress made by a selection of children after admission to Special Schools are of interest. The reports on deaf children again demonstrate the absolute necessity of giving special attention to such children as soon as their deafness is ascertained. If parents follow the advice and supervision given to them in future at the Audiology Clinic, deaf children will no longer remain dumb or partially dumb.

1. BLIND (Optic Atrophy).

Date of Birth : 9.6.49

Admitted to Special School on 16.4.56 when aged 6 years.

Report made July 1960.

English : Reading quite good and far in advance of the rest of her work.

Religious Instruction : Has shown some interest.

Welsh Language : Spasmodic interest. Progressing fairly well.

Response and General Behaviour : Generally cheerful and polite but can be noisy at times. Has worked well lately and is anxious to improve, but progress is very slow.

2. BLIND (Excision of both eyeballs due to neoplasm).

Date of birth : 21.4.45

Admitted to Special School on 13.9.48 when aged 3 years.

Report made Summer Term 1960.

General Progress : Good on the whole.

Conduct : Quite good, but inclined to self-pity.

Examination results : Average 51%

3. PARTIALLY SIGHTED (Retrolental Fibroplasia).

Date of Birth : 9.12.49.

Admitted to Special School on 6.5.57 when aged 7 years 5 months.

Report made December 1960.

English : Can write most letters and copy others—rather large and untidy but is improving. Writes simple words independently and understands meanings.

Arithmetic : Counts up to 20. Can do addition and subtraction of numbers to 10. Beginning to learn value of coins.

Nature : Interested in bulbs growing in classroom and waters them diligently.

Physical Education : Good posture and physique. Very active and independent. Quite confident on apparatus.

Conduct and progress: Unhappiness and hostility on admission soon disappeared and she is now a happy, affectionate child. Becoming more willing to work in class for longer periods. Very clean and tidy. Personal habits good. Now makes more contact with other children.

Special Remarks : Has had a satisfactory term and is making some useful progress socially and in class.

4. DEAF.

Date of Birth : 20.1.49

Admitted to Special School 19.4.55 when aged 5 years.

Report made January 1960.

Lipreading : Good, he watches constantly with care.

Oral Expression : Very keen to express his ideas orally, production good, tries to use the sentence for speech.

Written Expression : Good. Has the ideas which he attempts to express in sentence form.

Reading : Tries hard to read and get the meaning.

Comprehension :

Number : Works with great care and interest. Has mastered the basic principles.

Physical Education : Good. Tries hard all the time.

Social Development : Is a quiet, well-mannered child, a little shy at first but gets on well with everybody. Tries hard and enters happily into all activities. General progress very satisfactory.

5. DEAF.

Date of Birth : 24.5.46

Admitted to Special School 8.1.52 when aged 5 years 11 months.

Report made Summer 1960.

Religious knowledge: Good. Appreciates religious knowledge and is beginning to apply it to daily life.

Speech : Good. Has good oral attitude, speech needs a lot of improvement.

Lipreading : Good. Quick and accurate.

Language : Fair. Finds it difficult to memorise even simplest nouns and verbs. Can only reproduce simplest sentences from memory.

General knowledge : Likes and enjoys these lessons.

Conduct and Character : Good. Reliable and conscientious. Creates a good spirit in class.

6. DEAF.

Date of Birth : 27.8.49

Admitted to Special School 14.9.54 when aged 5 years 1 month.

Report made December 1960.

Speech :	Enjoys talking—words inclined to be inarticulate and jumbled.
Speech-reading :	Very good—when she concentrates.
Reading :	Good.
Arithmetic :	Fairly good.
General knowledge :	Quite good.
Manners :	Very good.
Conduct in work and play :	Rather noisy at times. An affectionate girl. She is settling down to her work and making steady progress.

7. DEAF.

Date of Birth : 22.12.46

Admitted to Special School 27.5.49 when aged 2 years 5 months.

Report made December 1960.

Lipreading :	Very fair responses.
Oral expression :	Below class average—improving.
Physical Education :	Keen and active.
Social development :	Mixes well—confident.
Arithmetic :	Rather slow but usually accurate work.
Science :	Shows interest in this subject.
Art :	He has done some good work.
Remarks :	General progress is fair.

8. DEAF.

Date of Birth : 4.7.56

Admitted to Special School on 7.9.59 when aged 3 years.

Report made Winter Term 1960.

General Report :	A vast improvement in attitude to life and work. This could be due to her glasses and aid which she wears full time and benefits from. Is co-operative and willing to learn, has begun to lipread and really understands that faces are used for communicating ideas. She is “chattering” in a pleasant voice and should soon have language meaning and articulation to express her own ideas. She has a good response to all number work. She is a determined and attractive little person.
------------------	--

9. PARTIALLY DEAF.

Date of Birth : 14.7.46

Admitted to Special School in May 1957, when aged 10 years 10 months.

Report made December 1960.

Speech :	Good, clean speech.
Lipreading :	Follows well, but uses residual hearing more than lip-reading.
Reading :	Reads well—with understanding. Will have to study now for her literature examination.
Language :	Good vocabulary, both oral and written. Is starting work on the U.L.C.I. Examination Course and has definite possibilities.
Scripture :	Has an intelligent understanding of her work.
Domestic Science :	Interested and keen to learn.

Will power : Has undoubted intelligence. Must learn to persevere with tasks she does *not* like as well as those she enjoys.

10. EDUCATIONALLY SUBNORMAL.

Date of Birth : 10.2.49

Admitted to Special School in the Autumn 1957 when aged 8 years.
(Then residing in Radnorshire.)

Report made July 1960.

General Education : Made definite progress. His humorous reactions to situations always cause a lot of hilarity.

Botany : Showed a hearty interest.

Gymnastics : Performed with great joy and unexpected skill and timing.

House Report : He is very proud of any small achievement he makes in school and is a co-operative and responsive pupil in both school and home life.

11. EDUCATIONALLY SUBNORMAL.

Date of Birth : 23.7.47

Admitted to Special School on 14.1.58 when aged 10 years 6 months.

Report made June 1960.

Health and Physique : He looks quite healthy.

Religious instruction: Attends Sunday School and shows interest in this subject.

Number : He is capable of simple calculations and understands a number of basic facts and principles.

Manual work : He is working hard with some success.

Behaviour and Social adjustment : He is well behaved and seems to be more mature.

General observations : His progress in his work is very slow but none the less real, and he is coping well with the business of living in a school community.

12. MALADJUSTED.

Date of Birth : 17.9.46

Admitted to Special School on 11.1.54 when aged 7 years.

Report made Autumn Term 1960.

Mathematics : Has worked well—steady progress made.

English : Does not exert himself in this subject.

Art and Craft : Continues to do well.

Remarks : Steady all-round progress.

13. PHYSICALLY HANDICAPPED (Spina Bifida).

Date of Birth : 22.11.45

Admitted to Special School on 8.9.53 when aged 8 years.

Report made Spring 1960.

English : Good. Concentrating on books much better than formerly. Writing—well formed and neat.

Number : Works quickly and accurately. Picks up new processes easily. Enjoys her work.

Social Studies : Takes an intelligent interest.

Needlework : Works quickly and neatly with enjoyment.

Cookery :	Competent after demonstration. Follows recipes well.
Art :	Works well with pleasing results.
General School Progress :	Steady progress as she is alert and works well.
General behaviour :	She is always anxious to help and is most reliable. Her open, friendly, practical disposition enables her to organise other children well as she is very popular.

14. PHYSICALLY HANDICAPPED (Spastic).

Date of Birth : 4.12.46

Admitted to Special School on 15.1.60 when aged 13 years.

Report made Autumn 1960.

English :	Reading—quite good. He is gaining in confidence and catching up with his age group. Literature—has a good appreciation for poetry.
Arithmetic :	A good conscientious worker.
Science :	Has done well and listened carefully.
Religious knowledge:	Doing good work—very encouraging.
Form Teacher's Report :	Is a pillar of strength in matters of right and wrong. He should do well as second captain. He is now able to take responsibility within the form group.

Principal's Remarks : A good term again. Is very helpful with younger boys and it is good to see his academic work making such steady progress.

15. EDUCATIONALLY SUB-NORMAL.

Date of Birth : 18.8.45

Admitted to Special School on 29.11.57 when aged 12 years.

Report made December 1960.

Reading :	Exceedingly good.
Spelling :	Very good.
English :	Very good ideas which she finds easier to express in writing than orally.
Number :	Very good indeed.
Handwriting :	Good, clear style.
Scripture :	Very good.
Art :	Good.
Needlework :	Has worked well—machining excellent.
Cookery :	A willing and reliable worker.
Special interests :	Reading and cookery.
General School progress :	Worries about the future, which is rather uncertain—this occasionally results in silly behaviour.

TABLE 9.

<i>Category</i>	<i>Attend- ing Special Schools</i>	<i>Attend- ing Ordinary Schools</i>	<i>Receiving Home Tuition</i>	<i>At Home</i>	<i>Totals</i>	<i>Requiring places at Special Schools but re- maining unplaced</i>
Blind	3	—	—	1	4	—
Partially Sighted	3	4	—	—	7	—
Deaf	5	—	—	3	8	—
Partially Deaf	2	10	—	1	13	1
Delicate	3	47	1	1	52	—
Physically Handicapped	2	48	4	5	59	4
Educationally Subnormal	43	100	—	1	144	24
Maladjusted	1	2	—	—	3	2
Epileptic	1	1	—	1	3	1
TOTALS ...	63	212	5	13	293	32

Shortage of staff has prevented all children being ascertained and therefore this table does not reflect accurately the total number of handicapped school children in the county.

MEDICAL EXAMINATION OF INTENDING TEACHERS

In addition to their normal duties, School Medical Officers have to medically examine applicants for admission to Training Colleges as intending teachers.

The number of such candidates examined was 175.

AUDIOLOGY SERVICE

Mrs. Jane D. Midgley, M.Sc., was appointed in October 1960 on a part-time basis to conduct a survey of the hearing of schoolchildren between the ages of 5 and 8 years in the county. Before her marriage Mrs. Midgley was a Research Assistant at the Department of Audiology and Education of the Deaf at Manchester University under Professor Sir Alexander Ewing. Any child with suspected deafness or slow educational progress was also included in the survey. These two schools in Llandudno were tested during the year :

<i>School</i>	<i>Number Tested</i>	<i>Referred for further investigation by the School Medical Officer</i>
Dyffryn Road	181	23
Lloyd Street	244	28
	<hr/> 425	<hr/> 51

It is hoped that during 1961 every child in the 5 to 8 year age group will be tested.

The most frequent cause of loss of auditory acuity in children is a catarrhal condition of the ears, nose or throat and occasionally this is associated with speech defects and lack of educational progress.

It is hoped that this investigation will detect losses of auditory acuity at an early stage and enable treatment to be instituted which will prevent permanent handicap.

The tests are performed on an Amplivox Transistor Audiometer. This is a battery operated machine which will facilitate the work in rural areas.

There are fourteen children classified as Partially Deaf in the county. Two of these children are in Residential Special Schools and ten children are attending ordinary day schools.

Particular attention is given to following up the educational progress of those children in ordinary day schools who wear hearing aids.

CHILDREN SEEN AT BANGOR AUDIOLOGY CLINIC DURING 1960

TABLE 10

	<i>Under 5 Years</i>	<i>Over 5 Years</i>
OLD CASES	5	5
NEW CASES	4	16
TOTAL	9	21
CAUSE OF REFERRAL		
Follow up of cases seen previously	5	5
Defective hearing	3	16
Backwardness	1	—
TOTAL	9	21
SOURCE OF REFERRAL		
Health Department	5	12
C.M.O.H. Merionethshire	2	1
„ Montgomeryshire	1	—
„ Anglesey	1	7
Psychologist	—	1
TOTAL	9	21
DIAGNOSIS		
No deafness	—	2
Slight deafness	2	7
Partial deafness	1	12
Deafness	6	—
TOTAL	9	21
RECOMMENDATIONS		
For auditory training with hearing aid	7	6
For hearing aid and special school	—	1
For hearing aid and follow up at school	—	2
To sit in front row of class	—	6
For further investigation	2	4
No further action	—	2
TOTAL	9	21

SCHOOL CHILDREN REFERRED FOR AUDIOMETRIC TESTING 1960.

TABLE 11

<i>Centre</i>	<i>Number Invited</i>	<i>Number seen</i>	<i>Failed to Attend</i>
Bangor	16	12	4
Caernarvon	9	6	3
Conway	6	1	5
Llanberis	16	12	4
Llandudno	11	4	7
TOTAL	58	35	23

RECOMMENDATIONS FOLLOWING AUDIOMETRIC TESTING

TABLE 12

<i>Recommendations</i>	<i>Bangor</i>	<i>Caernarvon</i>	<i>Conway</i>	<i>Llanberis</i>	<i>Llandudno</i>	<i>Total</i>
For E.N.T. Consultation.	2	—	1	—	1	4
For Audiology Clinic ...	3	—	—	—	—	3
For Child Guidance Clinic.	—	—	—	1	—	1
For follow-up at School ...	—	2	—	3	—	5
To sit in front row of class	1	2	—	1	—	4
For re-testing	5	1	—	5	3	14
No further action	1	1	—	2	—	4
TOTAL	12	6	1	12	4	35

SCREENING TESTS OF CHILDREN UNDER 5 YEARS OF AGE 1960

Number of children tested during routine visits	...	...	...	...	...	448
Number of children tested during Survey	...	...	...	...	...	254
Total ... ..	...	...	...	...	...	702
Satisfactory hearing ...	...	...	...	...	...	672
Failed Screening Test	...	...	...	...	...	30
Satisfactory on re-Test	...	...	...	...	...	24
Failed re-Test—for further investigation ...	...	...	...	...	...	2
Awaiting re-Test as at 31.12.60	...	...	...	...	...	4

SCHOOL DENTAL SERVICE

This report on the Dental Services was prepared by the Principal School Dental Officer :—

“Dear Sir,

I have the honour to present the following account of the County Dental Service for the year 1960.

For a short time during the year we had a full establishment of dental officers. Mr. Sterndale Bennett, L.D.S., and Mr. Brierley, L.D.S., starting at the beginning of May. Mr. Brierley, however, sent in his resignation shortly after starting work, and left on August 6th. Mr. Sterndale Bennett has settled down very happily to school dentistry and has quickly adapted himself to treating his rather difficult area. I would like to thank him for the clinic he has personally organised and equipped at Morfa Nefyn, and for some of the equipment installed at Pwllheli Clinic. He modestly says that it is only for his own convenience, but nevertheless the use of this clinic and equipment has been of great benefit to the county.

I have put down the table of work done for 1960 in comparison with the previous three years. The number of treatment sessions has risen and the amount of work done has in most cases increased more than proportionately to this rise.

Dental Treatment.

The number of permanent teeth extracted has risen sharply, the reason being two comparatively untreated areas, being worked for the first time.

Fillings to both permanent and temporary teeth show a rise, continuously maintained since 1957. This increase indicates the more positive side to dental treatment and the proportion of fillings to extractions is very satisfactory.

General Anaesthetics.

Anaesthetists : Dr. H. Edwards, M.R.C.S., L.R.C.P., F.F.A., D.A.
Dr. D. E. Rowlands, F.F.A., R.C.S., C.A.

419 cases were treated under general anaesthetic at clinics in all parts of the county.

X-Rays.

262 X-rays were taken during the course of the year. The numbers here show a steady rise from 95 in 1957.

Orthodontics.

This, the correcting of irregularities of teeth or jaws, is of necessity a slow and complicated business. I feel that as the demand for this type of treatment is increasing, we shall have to get outside help, even if it is only in a consultative capacity.

Mobile Dental Caravan.

The fact that dental officers are impatient to have the caravan, and find the proportion of the year during which it is allocated to each area, is much too short, points clearly how useful this mobile surgery has become.

Allocation of Sessions.

Obviously with two new dental officers starting work, the number of inspection sessions increased very considerably, similarly the time which has to be devoted to other work was higher. The latter will no doubt be reduced when the dental officer has become established and the area organised.

Finally, I would like to thank dental officers, dental attendants and all who have helped them in their difficult task during the year.

Yours faithfully,

D. McINTYRE."

COMPARATIVE TABLE OF DENTAL TREATMENT FOR LAST FOUR YEARS

TABLE 13

<i>Numbers Treated</i>	1957	1958	1959	1960
Routine cases	1,716	2,299	1,971	2,222
Special Cases	498	492	473	555
TOTAL	2,214	2,791	2,444	2,777
Attendances for Treatment	7,461	8,651	8,652	10,476
<i>Extractions :</i>				
Permanent Teeth	388	427	540	786
Temporary Teeth	1,421	1,408	1,323	1,283
<i>Fillings :</i>				
Permanent Teeth	3,972	4,653	4,929	6,268
Temporary Teeth	1,052	1,173	1,286	1,369
<i>Anaesthetics :</i>				
Local	2,920	3,026	2,791	3,040
General	287	296	381	419
AgNO ₃ Temporary Teeth	138	199	256	320
Teeth Crowned	—	2	3	10
X-rays taken	95	177	219	262
Prophylactic Cleaning	1,042	1,225	1,031	954
<i>Orthodontic Treatment :</i>				
Cases commenced during the year ...	38	54	46	58
Cases carried forward from previous year...	22	23	40	31
Cases completed	30	29	41	30
Cases discontinued	7	8	14	17
Pupils treated with appliances	48	57	90	89
Appliances fitted	48	57	90	100
Total attendances	349	405	751	634
Impressions taken	143	203	203	283
Appliances adjusted	181	199	501	355
Pupils fitted with artificial dentures	—	—	—	16
Number of treatment sessions...	1,417	1,608	1,531	1,741
Number of inspection sessions	95	141	66	123
Number of sessions—other work	259	234	176	225

TABLE 14
DENTAL INSPECTION AND TREATMENT

1. Number of pupils inspected by the Authority's Dental Officers :						
(a) Periodic age groups	...	...	...	...	...	8,900
(b) Specials	...	...	...	...	...	555
Total (1)...	...	...	...	...	...	9,455
2. Number found to require treatment...	...	...	...	...	...	6,276
3. Number referred for treatment	...	...	...	...	...	5,820
4. Number actually treated	...	...	...	...	...	2,777
5. Attendances made by pupils for treatment	...	...	...	...	...	11,110
6. Half-days devoted to Inspection	...	...	...	...	...	123
Treatment	...	...	...	...	...	1,741
Total (6)...	...	...	...	...	...	1,864
7. Fillings :						
Permanent Teeth	...	...	...	...	...	6,268
Temporary Teeth	...	...	...	...	...	1,369
Total (7)...	...	...	...	...	...	7,637
8. Number of teeth filled: Permanent teeth	...	...	...	...	...	5,722
Temporary Teeth	...	...	...	...	...	1,297
Total (8)...	...	...	...	...	...	7,019
9. Extractions :						
Permanent Teeth	...	...	...	...	...	786
Temporary Teeth	...	...	...	...	...	1,283
Total (9)...	...	...	...	...	...	2,069
10. Administration of General Anaesthetics for extraction	...	...	...	...	...	419
11. Other operations :						
Permanent Teeth	...	...	...	...	...	3,802
Temporary Teeth	...	...	...	...	...	320
Total (11)	...	...	...	...	...	4,122
ORTHODONTICS.						
Cases commenced during the year	...	...	...	...	...	58
Cases carried forward from previous year	...	...	...	...	...	31
Cases completed during the year	...	...	...	...	...	30
Cases discontinued during the year	...	...	...	...	...	17
Pupils treated with appliances	...	...	...	...	...	89
Removable appliances fitted	...	...	...	...	...	100
Fixed appliances fitted	...	...	...	...	...	—
Total attendances	...	...	...	...	...	634
Number of pupils supplied with artificial dentures	...	...	...	...	...	16
Appliances Adjustments	...	...	...	...	...	355

TABLE 15
ROUTINE INSPECTIONS

<i>Age</i>	<i>No. of children found to require treatment</i>	<i>No. of children not requiring treatment</i>	<i>Total Inspected</i>
2	—	—	—
3	30	41	71
4	197	163	360
5	327	222	549
6	476	222	698
7	473	212	685
8	467	260	727
9	452	311	763
10	471	320	791
11	505	312	817
12	683	300	983
13	698	319	1,017
14	554	242	796
15	363	188	551
16	144	127	271
17	73	88	161
18	22	41	63
19	13	11	24
20	—	4	4
TOTALS	5,948	3,383	9,331

MEDICAL AND SURGICAL TREATMENT

MINOR AILMENTS

Health Visitors and District Nurses treated 54 minor ailments during 1960. These comprised 5 skin complaints, 1 eye condition, 2 conditions of the ear, and 46 miscellaneous conditions. Attendances for treatment amounted to 184.

VISUAL DEFECTS.

The Ophthalmic Specialists examined 1,359 children during the year. Spectacles were prescribed for 753 children and another 228 received other forms of treatment.

EAR, NOSE AND THROAT.

Of 74 children examined by the Specialist during 1960, 50 were advised to have operative treatment for tonsils and/or adenoids, and 22 were referred for other forms of treatment. The remaining 2 children required treatment for ear defects.

Details of treatment given to children during the year are given in this table:

TABLE 16.

<i>Nature of Treatment.</i>	<i>Number Treated</i>
Operative Treatment for adenoids and chronic tonsillitis ...	54
Operative Treatment for other Nose and Throat conditions ...	3
Other Forms of Treatment for Nose and Throat conditions ...	19
Treatment for Ear Defects	1
TOTAL TREATED	76

SPEECH THERAPY

This service, which had been suspended since December 1955 was re-established with the appointment of a Welsh-speaking Speech Therapist in September 1959.

This report on the work done during 1960 has been received from the Speech Therapist :

"To the Principal School Medical Officer :

"Dear Sir,

During 1960 185 children attended the speech clinics at Bangor, Caernarvon, Conway, Llandudno and Pwllheli. Of these 146 attended regularly for treatment and 39 attended every three or six months for advice or re-assessment. By the end of the year 31 children had been discharged with normal or much improved speech ; 22 children failed to complete their course of treatment.

In January 1960 there were 41 children on the waiting list ; a further 80 were referred during the year and by December thirty children remained on the waiting list. In the case of another thirty the parents either refused to allow their child to attend for treatment or ignored the letters of invitation sent to them.

I am grateful for the advice and co-operation I have received from everyone during these past twelve months.

Yours faithfully,

G. VAUGHAN ROBYNS."

TABLE 17

ANALYSIS OF CASES EXAMINED AT SPEECH CLINICS.

	<i>No. of Cases</i>	<i>Total Attendances</i>	<i>Completed Treatment</i>	<i>Failed to complete Treatment</i>	<i>Still Attending</i>
Dyslalia	119	768	20	7	92
Stammer	42	595	5	12	25
Cleft Palate	7	112	—	1	6
Dysphasia	1	33	—	—	1
Dysarthria	5	70	1	—	4
Insufficient nasality ...	2	25	—	1	1
Excessive nasality ...	1	16	—	—	1
Clutter	1	31	1	—	—
Speech and Language Re- tardation	7	170	4	1	2
TOTALS	185	1,820	31	22	134

CHILD GUIDANCE

The Education Committee, in conjunction with the other four North Wales Counties have agreed to accept financial responsibility for the "Child Guidance Centre" service.

These details of the children who received attention and treatment during 1960 have been supplied by Dr. Simmons.

1. Caernarvonshire children dealt with during 1960.

Clinic	No. of Individ. Children	ATTENDANCES									
		Psychiatrist				Psychologist				P.S.W.	
		First		Further		First		Further		First	Further
		C.	P.	C.	P.	C.	P.	C.	P.	P.	P.
Bangor	84	3	26	208	33	38	11	144	66	27	47
Colwyn	51	19	16	80	31	30	3	40	25	11	21
Bl. Ffestiniog	5	1	—	17	2	—	1	1	20	—	—
Totals	140	51	42	305	66	68	15	185	111	38	68

C—Child.

P—Parents or Guardians.

2. Children from other Counties seen at Caernarvonshire Clinics.

Clinic	No. of Individ. Children	ATTENDANCES									
		Psychiatrist				Psychologist				P.S.W.	
		First		Further		First		Further		First	Further
		C.	P.	C.	P.	C.	P.	C.	P.	P.	P.
Bangor :											
Anglesey	44	25	20	47	50	27	3	66	14	23	21
Flintshire	1	—	—	1	—	—	—	—	—	—	—
Merioneth.....	2	1	—	—	—	1	—	—	—	2	—
Totals	47	26	20	48	50	28	3	66	14	25	21

3. Number of Visits (Caernarvonshire).

<i>Psychiatric Social Worker.</i>		<i>Psychologist</i>	
<i>Home Visits</i>	<i>Visits to Other Social Workers</i>	<i>School Visits</i>	<i>Visits to Other Social Workers</i>
7	—	38	5

4. Number of Referrals received during 1960 (Caernarvonshire).

<i>Referring Agency</i>	<i>Number of Referrals</i>
School Medical Officer	33
General Practitioners	22
Consultant Paediatricians	6
Other Medical Specialists... ..	1
Courts and Probation Officers	—
Other Social Workers	2
Children's Officers	—
Parents	4
Headmasters	15
	83
Waiting list at 31/12/60	10

ORTHOPTIC TREATMENT

Orthoptic treatment, which had to be suspended in August 1959, was re-commenced in August 1960 with the appointment of Miss A. F. Baxter.

This is a summary of the work performed during this period.

1. Number of patients attending at the beginning of the year :

TABLE 18.

<i>Clinic.</i>	<i>No. of Patients</i>
Llandudno	54
Caernarvon	49
Pwllheli	23
Bangor	48

2. Number of new patients seen during the period.

TABLE 19.

<i>Clinic.</i>	<i>No. of Patients</i>
Llandudno	20
Caernarvon	13
Pwllheli	9
Bangor	34

3. Number of new and old patients occluded 45

4. Number of new and old patients given orthoptic treatment ... 38

5. Number of operations performed 15

6. Number discharged :

(a) Satisfactory 25

(b) Failed to attend 19

ORTHOPAEDIC TREATMENT

The Orthopaedic Specialist examined 453 children, including 164 children who were seen for the first time at the Survey Clinics held at Caernarvon, Bangor, Pwllheli and Llandudno. The Council's Physiotherapist treated 259 children in the After-care Clinics. Children treated in hospital totalled 11.

I have received this report from the Council's Physiotherapist on the work done during the year :

"To the Principal School Medical Officer.

Dear Sir,

During the year Mr. G. I. Roberts, F.R.C.S., Orthopaedic Surgeon, attended the usual rota of Survey Clinics in the County. These Clinics are held monthly in rotation at Caernarvon, Bangor, Pwllheli and Llandudno.

Children are referred to these Clinics for consultation mostly by the School Medical Officers following medical inspection at school. General Practitioners also refer children to the Clinics for the Specialist's advice.

The Clinics have been well attended and the parents co-operative in following the advice and instructions given to them.

A number of children have been referred to me for treatment at the After-care Clinics by Dr. Gwyn Griffith, Paediatrician, St. David's Hospital, Bangor, and by Dr. J. Glyn Jones, Chest Physician. The After-care Clinics are held weekly at Pwllheli, Caernarvon, Llandudno, Portmadoc and Bangor.

The results of the treatment given at the After-care Clinics were good and children referred for Ultra Violet Ray Therapy benefited from the treatment given.

During the year the advice of Professor B. L. McFarland, F.R.C.S., of Liverpool, and Mr. R. Roaf, F.R.C.S., of the Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, was sought in a few selected cases.

The advice of the representatives of Remploi Ltd., who attended each Survey Clinic, has been very helpful and the co-operation of the X-ray departments and hospitals has been excellent.

Finally, I would like to thank you for your advice and help and also the School Medical Officers, Health Visitors and Clerical Staff for their assistance in the smooth working of the Orthopaedic Scheme.

Yours faithfully,

M. FISHER WILLIAMS, M.C.S.P."

A summary of the treatment performed at these clinics during 1960 is given in these tables :

TABLE 20
SURVEY CLINICS

<i>Place held</i>	<i>No. of Sessions</i>	<i>Number Examined</i>		<i>Treatment Recommended</i>					<i>No. Dischar'd</i>	<i>Referred to School Medical Officers</i>	<i>X-Rays</i>
		<i>New Cases</i>	<i>Old Cases</i>	<i>Hospital</i>	<i>Appliances</i>	<i>Massage and S.R..E</i>	<i>Observation</i>	<i>Other Treatment</i>			
Llandudno.	5	24	58	1	34	4	23	2	9	9	1
Pwllheli ...	6	38	79	1	53	13	21	1	9	15	2
Bangor ...	6	51	70	7	63	22	16	2	6	9	1
Caernarvon	6	51	82	2	49	18	32	5	12	11	5
Totals ...	23	164	289	11	199	57	92	10	36	44	9

TABLE 21
HOSPITAL TREATMENT

No. of Children on Waiting List at the Beginning of the Year...	...	1
No. of Children Advised Hospital Treatment during the Year...	...	11
No. of Children Admitted to Hospital during the Year	...	11
No. of Children Discharged from Hospital during the Year	...	11
No. of Children whose Parents Refused Hospital Treatment	...	1
No. of Children on Waiting List at the end of the Year	...	—

TABLE 22
AFTER-CARE CLINICS

<i>Place Held</i>	<i>No. of Sessions Held</i>	<i>Individual Cases who Attended</i>	<i>Total Attendances</i>
Llandudno	44	18	170
Bangor	36	78	388
Caernarvon... ..	44	66	358
Portmadoc	47	38	299
Pwllheli	42	59	322
TOTALS	213	259	1,537

TABLE 23
ULTRA VIOLET RAY CLINICS

<i>Place Held</i>	<i>Number of Sessions Held</i>	<i>Individual Cases who attended</i>	<i>Total Attendances</i>
Llandudno	52	60	517
Bangor	39	25	212
Caernarvon... ..	45	48	426
Pwllheli	19	3	25
Portmadoc	13	2	13
TOTALS	168	138	1,193

INCIDENCE OF INFECTIOUS DISEASES AMONGST CHILDREN BELOW SCHOOL LEAVING AGE

POLIOMYELITIS

No notifications were received in respect of Caernarvonshire children.

IMMUNISATION AGAINST POLIOMEYLITIS

Arrangements for the immunisation of all children under school leaving age were continued during 1960.

Special Immunisation Sessions were arranged at Schools and Clinics throughout the county, and a third injection was given to each child in accordance with the announcement of the Ministry of Health in September 1958.

By December 1960, 20,867 children had been given the full protective course of three doses, 3,080 had received two doses, and 275 had been given one injection. A total of 69,036 injections had been given to children below school leaving age since the commencement of the scheme.

NOTIFICATION OF INFECTIOUS DISEASES

Details of Notifications of Infectious Diseases among children below school leaving age are given below :

TABLE 24.

<i>Disease</i>	<i>Number Notified</i>
Scarlet Fever	10
Whooping Cough	67
Measles	209
Dysentery and Food Poisoning ...	38
Chickenpox	32
Acute Encephalitis	1

DIPHTHERIA IMMUNISATION

The effectiveness of immunisation in controlling Diphtheria is demonstrated in Table 26 on page 35. It is particularly interesting to observe that 1960 was the 9th successive year during which no cases were notified and the 14th successive year during which no child who had been completely immunised suffered or died from the disease.

These encouraging facts could, however, create a false sense of security. Some of our younger parents, because they have no experience of Diphtheria and its dangers, tend to regard immunisation as an unnecessary discomfort to their children. It cannot be too often emphasised that the disease will again become a "killer" and a "maimer" unless parents ensure that their children are immunised against it. The Medical, Health Visiting and Nursing Staffs continue to impress upon all parents the importance of securing for their children free protection against Diphtheria. They emphasise the suffering and danger to which the children may be exposed by their failure to secure this simple means of protection—a first class insurance.

Immunisation against Diphtheria had to be partly suspended during 1960 because of the scheme for the mass immunisation of children against Poliomyelitis.

It is interesting to record that more than 48,800 children have been protected and approximately 257,700 initial and "boosting" injections given by the Council's staff since 1939.

Children who completed the full course of immunisation during 1960 totalled 1,023. School Medical Officers immunised 201 of these and General Practitioners immunised 822. During the year 122 other children received reinforcing injections.

Details of children immunised are given in Table 25.

TABLE 25

	0-4 Years	5-14 Years	Total
Child Population	77,000	16,500	24,200
Children Immunised	3,750	13,315	17,065
Percentage	48.70	80.70	70.51

ANALYSIS OF THE ABOVE TABLE.

<i>Year of Birth</i>	1946-50	1951-55	1956	1957	1958	1959	1960	Total
No. of children immunised	7,212	6,103	1,026	909	867	744	202	17,065

DIPHTHERIA—INCIDENCE AND MORTALITY (ADULTS
AND CHILDREN)

RATES PER 100,000 POPULATION.

TABLE 26

<i>Year</i>	INCIDENCE		MORTALITY	
	<i>Cases Notified</i>	<i>Attack Rate</i>	<i>Deaths</i>	<i>Death Rate</i>
1913	175	140	19	15
1914	227	182	16	13
1915	171	147	13	11
1916	164	146	30	27
1917	76	73	12	11
1918	55	53	6	6
1919	82	73	7	6
1920	124	107	11	9
1921	287	235	23	19
1922	223	183	16	13
1923	102	85	2	2
1924	58	48	1	1
1925	67	56	4	3
1926	41	34	1	1
1927	57	47	4	3
1928	81	65	12	9
1929	142	115	9	7
1930	96	79	5	4
1931	93	78	7	5
1932	133	111	6	5
1933	110	92	4	3
1934	61	51	3	2
1935	97	81	3	2
1936	124	103	6	5
1937	330	277	9	7
1938	260	211	6	5
1939	202	169	8	7
1940	175	137	10	8
1941	204	143	10	6
1942	242	176	8	7
1943	159	120	3	2
1944	85	67	3	2
1945	91	74	3	3
1946	19	15	1	1
1947	19	15	—	—
1948	18	14	—	—
1949	2	1.6	—	—
1950	1	0.8	1 (adult)	0.8
1951	2	1.6	—	—
1952	—	—	—	—
1953	—	—	—	—
1954	—	—	—	—
1955	—	—	—	—
1956	—	—	—	—
1957	—	—	—	—
1958	—	—	—	—
1959	—	—	—	—
1960	—	—	—	—

NITS AND LICE

Inspections made by School Nurses during 1960 totalled 54,625. Nits and/or lice were found on 334 children (1.7 per cent. of the school population.) Of these 114 children were infested in 1959 and 220 were found to be infested for the first time during the year. Nine children were found to be extensively infested, 44 moderately infested, and the remainder only very slightly infested. Cleansing notices served during the year numbered 215.

The condition of most of the 215 children for whom Cleansing Notices were served was due to lack of perseverance rather than neglect on the part of the parents. Many of them fail to understand the necessity for continuing treatment after removing the original infestation until all the nits have been destroyed. It is gratifying, however, to see that the continued perseverance necessary to maintain children in a clean condition is having a positive effect. The number of children found to be unclean has been gradually reduced from 1,039 (5.7 per cent. of the school population) in 1950 to 334 (1.7 per cent. of the school population) in 1960. Some adults who neglect their own hair convey lice to their children. A new preparation for lice, which is also a killer of nits, is now being used.

It is now rare to observe flea infestation of children.

MILK AND SCHOOL MEALS

The County Health Officer, who is responsible for the supervision of the standard, quality and safety of milk supplied to schools, has submitted this report for the period 1st January, to 31st December, 1960 :

"Dear Sir,

Milk Supplies to Schools.

There are 160 schools in the county and the average number of children who are supplied with milk in one-third pint bottles is approximately 14,500. 159 schools are supplied with either Tuberculin Tested Pasteurised or Pasteurised milk, which is pasteurised at present in Caernarvonshire and Denbighshire.

One school, due to its geographical location, is still supplied with raw milk from an attested herd. The supplier holds a Tuberculin Tested Milk Licence and as a further safeguard the milk is pasteurised at the school.

TABLE 27.

Grade of Milk.	Number of Schools Supplied.								
	1952	1953	1954	1955	1956	1957	1958	1959	1960
Tuberculin Tested	11	4	2	2	2	1	1	1	1
Undesignated	12	3	2	2	2	1	1	—	—
T.T. Pasteurised	8	8	8	8	8	8	8	8	8
Pasteurised	127	153	155	155	148	150	150	150	150

Bacteriological Examination of Milk for Schools.

166 milk samples were taken from schools during the year. Sixteen milks failed the Methylene Blue Reductase Test which indicates the keeping quality of the milk. All the milks that failed this test were from one distributor. His method of storing the milk while in his charge was not entirely satisfactory. This retailer lost the school contract and since we have had a different supplier no samples have failed the test.

Three school milk samples failed the Phosphatase Test which indicates temperature of pasteurisation. The cause of these failures were not ascertained as inspection of plant indicated no failure, so we assume that the presence of phenols in some respect might have caused the samples to give a false reading.

Routine inspections were made of all pasteurising plants in the county which supply the schools with milk, and several bottle washings and water samples were taken.

TABLE 28.

<i>Grade of Milk</i>	<i>Methylene Blue Test</i>			<i>Phosphatase Test</i>		
	<i>No. Taken</i>	<i>No. Satis.</i>	<i>No. Unsat.</i>	<i>No. taken</i>	<i>No. Satis.</i>	<i>No. Unsat.</i>
Pasteurised	152	136	16	152	149	3
T.T Pasteurised...	14	14	—	14	14	—
TOTAL	166	150	16	166	163	3

Five samples were not submitted to the Methylene Blue Test as atmospheric temperature exceeded 65°F and made the sample void.

Biological examination has been made of the unpasteurised milk that is supplied to the one school for the presence of tuberculosis and brucella abortus. The results indicated that the herd was free of these diseases at the time of sampling.

SCHOOL MEALS

Approximately 12,200 meals were provided daily from 132 school kitchens and served at 158 schools. There are only two schools which do not provide facilities for meals in the county.

During the year 108 inspections have been made to the school kitchens. A high standard of hygiene is maintained at the majority of the school kitchens and schools and credit is given to the School Meals Organiser and her staff for their supervision.

No outbreaks of food poisoning or other illnesses attributed to food have been notified during the year from schools.

During the course of the year improvements have been made with regard to the structure and equipment in the school kitchens. One new kitchen has been constructed and four other kitchens received major alterations. Several kitchens have been provided with sterilizing sinks which are essential for ascertaining the cleanliness of utensils used.

Since the Food Hygiene Regulations 1955 came into force, the majority of school kitchens by now comply with the standards as laid down by the regulations. However, I often feel that lots of the good work done by the Authority in providing good and clean walls and ceilings is undone due to the lack of providing adequate ventilation in the kitchens. Condensation, is indeed causing a nuisance at many kitchens, creating a damp atmosphere in which the staff work, ruins decoration, corrodes metals, affects electrical wiring and switches, and is dangerous when floors are made slippery. To eliminate this nuisance planned mechanical ventilation should be provided to extract steam from all cooking points and sinks.

The standard of foods, which includes meat and milk, has been good quality as previously mentioned; sixteen milk samples failed the Methylene Blue Test.

Twenty-nine visits were made to food premises supplying schools. In all respects several did not conform to the standard as required by the Food Hygiene Regulations, 1955. Action was taken to bring them to the required standard.

I wish to record that all assistance has been given me from Headteachers, the School Meals Organiser and kitchen staffs, when inspections have been made.

Yours faithfully,

ANEURIN JONES,

County Health Officer."

MINISTRY OF EDUCATION—MEDICAL INSPECTION RETURNS

FOR THE YEAR 31ST DECEMBER, 1960.

Medical Inspection of Pupils attending Maintained and Assisted Primary and Secondary Schools (including Nursery and Special Schools).

A. PERIODIC MEDICAL INSPECTIONS

<i>Age Groups Inspected (By Year of Birth)</i>	<i>Number of Pupils Inspected</i>	<i>Physical Condition of Pupils Inspected</i>			
		<i>Satisfactory</i>		<i>Unsatisfactory</i>	
		<i>Number</i>	<i>% of Col. 2</i>	<i>Number</i>	<i>% of Col. 2</i>
(1)	(2)	(3)	(4)	(5)	(6)
1956 and later...	429	429	100.0	—	—
1955	896	896	100.0	—	—
1954	906	906	100.0	—	—
1953	141	141	100.0	—	—
1952	84	84	100.0	—	—
1951	45	45	100.0	—	—
1950	823	823	100.0	—	—
1949	867	867	100.0	—	—
1948	54	54	100.0	—	—
1947	37	37	100.0	—	—
1946	677	677	100.0	—	—
1945 and earlier.	801	801	100.0	—	—
TOTAL ...	5,760	5,760	100.0	—	—

B. PUPILS FOUND TO REQUIRE TREATMENT AT PERIODIC MEDICAL INSPECTIONS.

(Excluding Dental Diseases and Infestation with Vermin)

<i>Age Groups Inspected (By Year of Birth)</i> (1)	<i>For Defective Vision (excluding Squint)</i> (2)	<i>For any of the other Conditions Recorded in Part II</i> (3)	<i>Total Individual Pupils</i> (4)
1956 and later ...	2	22	23
1955	7	45	48
1954	9	35	43
1953	2	10	10
1952	5	3	8
1951	1	5	6
1950	30	24	51
1949	30	38	64
1948	3	—	3
1947	3	5	7
1946	33	30	59
1945 and earlier ...	56	14	67
TOTAL ...	181	231	389

C. OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	...	...	...	424
Number of Re-inspections	...	...	...	...	...	...	5,760
TOTAL	...	...	...	...	...	...	6,184

D. INFESTATION WITH VERMIN.

(a) Total Number of Individual Examinations of Pupils in Schools by School Nurses or other Authorised Persons	...	...	...	...	54,625
(b) Total Number of Individual Pupils found to be Infested	...	...	...	...	334
(c) Number of Individual Pupils in respect of whom Cleansing Notices were issued	...	...	...	...	204
(d) Number of Individual Pupils in respect of whom Cleansing Orders were issued	...	...	...	...	11

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR
ENDED 31ST DECEMBER, 1960.

Defect Code No.	Defect or Disease	Periodic Inspections							
		Entrants		Leavers		Others		Total	
		(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
4	Skin ...	4	24	5	31	3	65	12	120
5	Eyes (a) Vision ...	13	23	81	139	87	152	181	314
	(b) Squint ...	14	28	6	26	14	62	34	116
	(c) Other ...	3	19	4	17	6	35	13	71
6	Ears (a) Hearing...	3	11	1	8	2	25	6	44
	(b) Otitis Media ...	1	24	—	12	4	38	5	74
	(c) Other ...	—	3	—	1	—	3	—	7
7	Nose & Throat ...	9	216	6	85	20	306	35	607
8	Speech ...	1	15	5	3	11	25	17	43
9	Lymph'c Glands ...	—	111	—	15	3	110	3	236
10	Heart ...	1	17	—	9	4	17	5	43
11	Lungs ...	1	69	—	16	6	79	7	164
12	Developmental :								
	(a) Hernia ...	—	1	—	—	—	4	—	5
	(b) Other ...	—	64	1	—	7	67	8	131
13	Orthopaedic :								
	(a) Posture ...	—	2	1	7	2	9	3	18
	(b) Feet ...	17	22	6	19	34	72	57	113
	(c) Other ...	5	28	5	27	6	82	16	137
14	Nervous System :								
	(a) Epilepsy ...	1	4	—	8	1	6	2	18
	(b) Other... ...	—	—	—	3	—	6	—	9
15	Psychological :								
	(a) Development ...	—	2	—	5	—	12	—	19
	(b) Stability ...	—	16	—	4	—	19	—	39
16	Abdomen ...	—	16	—	5	—	21	—	42
17	Other ...	2	15	—	12	6	22	8	49

T= Treatment.

O= Observation.

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR
ENDED 31ST DECEMBER, 1960.

Defect Code No.	Defect or Disease	Special Inspections	
		Pupils	
		Requiring treatment	Requiring observation
4	Skin	10	2
5	Eyes : (a) Vision	33	5
	(b) Squint	2	—
	(c) Other	2	—
6	Ears : (a) Hearing	6	1
	(b) Otitis Media	—	—
	(c) Other	3	—
7	Nose and Throat	42	4
8	Speech	2	5
9	Lymphatic Glands	—	—
10	Heart	1	—
11	Lungs	22	3
12	Developmental : (a) Hernia	1	—
	(b) Other	2	1
13	Orthopaedic : (a) Posture	1	—
	(b) Feet	18	3
	(c) Other	1	2
14	Nervous System : (a) Epilepsy	—	—
	(b) Other	—	—
15	Psychological : (a) Development	1	1
	(b) Stability	—	—
16	Abdomen	—	1
17	Other	18	2

GROUP 1.—EYE DISEASES, DEFECTIVE VISION AND SQUINT.

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	228
Errors of refraction (including squint)	1,131
TOTAL	1,359
Number of pupils for whom spectacles were prescribed	753

GROUP 2.—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT.

	Number of cases known to have been treated
Received operative treatment :	
(a) for diseases of the ear	—
(b) for adenoids and chronic tonsillitis	54
(c) for other nose and throat conditions	3
Received other forms of treatment	20
TOTAL	77
Total number of pupils in schools who are known to have been provided with hearing aids :	
(a) in 1960	7
(b) in previous years	10

GROUP 3.—ORTHOPAEDIC AND POSTURAL DEFECTS.

	<i>Number of Cases known to have been treated</i>
Pupils treated at clinics or out-patient departments ...	259
Pupils treated at school for postural defects	—
TOTAL	259

GROUP 4.—DISEASES OF THE SKIN.

	<i>Number of Cases known to have been treated</i>
Ringworm : (i) Scalp	—
(ii) Body	—
Scabies	—
Impetigo	3
Other skin diseases	2
TOTAL	5

GROUP 5.—CHILD GUIDANCE TREATMENT.

	<i>Number of Cases known to have been treated</i>
Pupils treated at Child Guidance Clinics	52

SPEECH THERAPY.

	<i>Number of Cases known to have been treated</i>
Pupils treated by speech therapists	184

OTHER TREATMENT GIVEN.

	<i>Number of Cases known to have been dealt with</i>
(a) Pupils with minor ailments	46
(b) Pupils who received convalescent treatment under School Health Service arrangements	Nil
(c) Pupils who received B.C.G. vaccination	1,308
(d) Other than (a), (b) and (c) above, Please specify :	
Eye Diseases	1
Ear Diseases	2
Ultra Violet Light	138
TOTAL (a) to (d)	1,495

DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY

1.	Number of pupils inspected by the Authority's Dental Officers :						
	(a)	At periodic Inspections	...	...	...	8,900	} Total (1)
	(b)	As Specials	...	...	...	555	
2.	Number found to require treatment						6,276
3.	Number offered treatment						5,820
4.	Number actually treated						2,777
5.	Number of attendances made by pupils for treatment, including those recorded at 11 (h)						11,110
6.	Half days devoted to :						
	(a)	Periodic (School) Inspection	...	...	...	123	} Total (6)
	(b)	Treatment	...	...	...	1,741	
7.	Fillings :						
	(a)	Permanent Teeth	...	...	...	6,268	} Total (7)
	(b)	Temporary Teeth	...	...	...	1,369	
8.	Number of Teeth Filled :						
	(a)	Permanent Teeth	...	...	...	5,722	} Total (8)
	(b)	Temporary Teeth	...	...	...	1,297	
9.	Extractions :						
	(a)	Permanent Teeth	...	...	...	786	} Total (9)
	(b)	Temporary Teeth	...	...	...	1,283	
10.	Administration of General anaesthetics for extraction						419
11.	Orthodontics :						
	(a)	Cases commenced during the year	...	...	...	...	58
	(b)	Cases brought forward from previous year	...	...	...	...	31
	(c)	Cases completed during the year	...	...	...	...	30
	(d)	Cases discontinued during the year	...	...	...	...	17
	(e)	Pupils treated with appliances	...	...	...	...	89
	(f)	Removable appliances fitted	...	...	...	...	100
	(g)	Fixed appliances fitted	...	...	...	...	—
	(h)	Total attendances	...	...	...	...	634
	(i)	Appliances adjustments	...	...	...	...	355
12.	Number of pupils supplied with artificial teeth						16
13.	Other operations :						
	(a)	Permanent Teeth	...	...	...	3,802	} Total (13)
	(b)	Temporary Teeth	...	...	...	320	
							4,122

HANDICAPPED PUPILS REQUIRING EDUCATION AT SPECIAL
SCHOOLS APPROVED UNDER SECTION 9 (5) OF THE
EDUCATION ACT, 1944, or BOARDING IN BOARDING HOMES

<i>During the calendar year ended 31st December, 1960, how many handicapped pupils</i>	(1) Blind (2) Partially sighted		(3) Deaf (4) Partially Deaf		(5) Delicate (6) Physically Handicapped		(7) Educationally sub-normal (8) Mal- adjusted		(9) Epileptic (10) Speech Defects		TOT-AL (1)-(10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
A. were newly placed in special schools (other than hospital special schools) or boarding homes ? (See Note 1)) 	—	—	—	—	2	1	10	1	—	—	14
B. were newly assessed as needing special education- al treatment at special schools or boarding homes?	—	—	3	1	2	3	20	1	1	—	31

NOTE : (i) Where appropriate, pupils should be included under both A and B.

(ii) B should *not* be restricted to those pupils for whom a certificate on Form 1 H.P. was issued, but should include all who were considered to need a place in a special school or boarding home.

[illegible]

